EAST SEARCH

7/5/05

# -	Hitc	Search String	u u
i	1716	Commission of the section of the sec	, m .
, G	2 2	reservoir same ((well&) or target&) with (placement&) or location&1)) (reservoir some ((well&) or target&1) with (placement&1 or location&1)) and (automated with (S, USPAT, EPO, JPO, DERWENT, IBM_TOB
7 S	2 6	(reservoir same ((weil\$1 or target\$1) with (placement\$1 or location\$1))) and (abtoinated with (both OC) OC) OC) OC) OC) OC) OC) OC) OCEWENT IDM	3. USPAT: EPO: IPO: DERWENT: IBM_TDB
S 6	1 23	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1)) and ("two dimensional US-PGPUB; USPAT; EPO; JPO;	3; USPAT; EPO; JPO; DERWENT; IBM TDB
SS	13	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (("three dimensior US-PGPUB;	3; USPAT; EPO, JPO, DERWENT, IBM_TDB
9S ·	56	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (filter\$3 with value US-PGPUB;	
S7	106	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (location US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
88	407	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (select\$3 with US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S9	95	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform with US-PGPUB;	USPAT; EPO; JPO; DERWENT;
S10	44	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ((cell with (location US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S11	22	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (triangulat\$3) US-PGPUB;	_
S12	63	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (location US-PGPUB;	
S13	13	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cell with (matrix o US-PGPUB;	_
S14	ි ග	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ("weighted sum") US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S15	16	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (window\$3 with (c US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S16	-	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and windowing US-PGPUB;	
S17	19	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (mov\$3 near2 win US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S18	-	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (cumulative near2 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S19	ഹ	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ((spacing near2 rt US-PGPUB;	
S20	တ	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (select\$3 with iter: US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S21	56	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform with (pla US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S22	49	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and (platform near2 (pUS-PGPUB;	
S23	222	(reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))) and ((automated with .US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S24	œ	5,757,663.pn. or "6,315,054".pn. or "6,006,832".pn. or "6,549,879".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S25	4	6,549,879.pn. or "5,740,342".pn.	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S26	7	20030204311 US-PGPUB;	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S27	9	("6,549,879".pn. or "5,740,342".pn.) or "20030204311"	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S28	9	5,757,663 pn. or "6,006,832".pn. or "6,315,054".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
S29	2003	reservoir same ((well\$1 or target\$1) with (placement\$1 or location\$1))	USPAT; EPO; JPO; DERWENT; I
S30	2002	S28 or S29	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S31	19	S30 and (weighted near2 sum)	3; USPAT; EPO; JPO; DERWENT; IBM_TDB
S32	7	S30 and ((weighted near2 sum) with distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

Page 1 of 7

Richard Colvin

10/622976

EAST SEARCH

S
0
છ
7

Document Kind Codes Title		Issue Date Current OR Abstract	ಕ
US 20040117121 A1	Reservoir fracture characterization	20040617 702/11	
US 20040115720 A1	High throughput automatic nucleic acid isolation and quantitation methods	20040617 435/6	
US 20040112980 A1	Acoustically mediated liquid transfer method for generating chemical libraries	20040617 239/102.1	
US 20040112978 A1	Apparatus for high-throughput non-contact liquid transfer and uses thereof	20040617 239/71	
US 20040112529 A1	Methods for interfacing macroscale components to microscale devices	20040617 156/306.6	
US 20040109720 A1	Personal care articles	20040610 401/133	
US 20040102742 A1	Wave guide with isolated coupling interface	20040527 604/298	
US 20040099422 A1	Subsea riser separator system	20040527 166/357	
US 20040087007 A1	System and method for optimizing tissue barrier transfer of compounds	20040506 435/287.1	
US 20040061858 A1	In-situ detection and analysis of methane in coal bed methane formations with spectrometers	20040401 356/435	
US 20040054475 A1	Method and system for creating irregular three-dimensional polygonal volume models in a three	20040318 702/1	
US 20040053318 A1	Preservation of RNA and reverse transcriptase during automated liquid handling	20040318 435/6	
US 20040040715 A1	In situ production of a blending agent from a hydrocarbon containing formation	20040304 166/302	
US 20040020642 A1	In situ recovery from a hydrocarbon containing formation using conductor-in-conduit heat sourc	20040205 166/245	
US 20040018635 A1	Fabricating arrays with drop velocity control	20040129 436/180	
US 20040009098 A1	Automated slide staining apparatus	20040115 422/63	
US 20040006405 A1	Support volume calculation for a CAD model	20040108 700/119	
US 20040005582 A1	Biospecific desorption microflow systems and methods for studying biospecific interactions and	20040108 435/6	
US 20030220739 A1	Method of Determining Boundary Interface Changes in a Natural Resource Deposit	20031127 702/2	
US 20030209836 A1	Flash curing in selective deposition modeling	20031113 264/401	
US 20030209348 A1	In situ thermal processing and remediation of an oil shale formation	20031113 166/256	
US 20030205384 A1	SUBSEA RISER SEPARATOR SYSTEM	20031106 166/357	
US 20030205378 A1	In situ recovery from lean and rich zones in a hydrocarbon containing formation	20031106 166/302	
US 20030204311 A1	System and method for enhanced hydrocarbon recovery	20031030 702/13	
	In situ recovery from a hydrocarbon containing formation using one or more simulations		
US 20030197654 A1	THERMAL CONTROL SYSTEM	.,	
	Treatment of a hydrocarbon containing formation after heating	•	
20030196801	In situ thermal processing of a hydrocarbon containing formation via backproducing through a h	•	
20030196789	In situ thermal processing of a hydrocarbon containing formation and upgrading of produced flu		
US 20030196788 A1	Producing hydrocarbons and non-hydrocarbon containing materials when treating a hydrocarbo	•	
US 20030183390 A1	Methods and systems for heating a hydrocarbon containing formation in situ with an opening co	20031002 166/302	
	In situ recovery from a kerogen and liquid hydrocarbon containing formation	•	
	Upgrading and mining of coal	•	
US 20030173082 A1	In situ thermal processing of a heavy oil diatomite formation	•	
US 20030173081 A1	In situ thermal processing of an oil reservoir formation	•	
US 20030173080 A1	In situ thermal processing of an oil shale formation using a pattern of heat sources	_	
US 20030173078 A1	In situ thermal processing of an oil shale formation to produce a condensate	20030918 166/250.07	
7/00/11/00/7	rollinig operings in a hydrocarbon containing formawon using magnetic dacking		

	20030529 166/302 20030529 166/52 20030501 299/14 20030501 166/272.1 20030424 117/200 20030410 435/4 20030410 73/861.23 2003030 166/366 20030303 356/435 20030308 367/41 20030220 435/6
	In situ thermal recovery from a relatively permeable formation In situ thermal recovery from a relatively permeable formation using gas to increase mobility In situ thermal recovery from a relatively permeable formation using gas to increase mobility In situ thermal processing and inhibiting migration of fluids into or out of an in situ oil shale form In situ thermal processing of a relatively impermeable formation in a reducing environment In situ thermal processing of a relatively impermeable formation in a reducing environment In situ thermal assay with magnetic clamp In Distributed sound speed measurements for multiphase flow measurement In Method and apparatus for drilling a plurality of offshore underwater wells In situ detection and analysis of methane in coal bed methane formations with spectrometers In Method for classifying AVO data using an interpreter-trained neural network Independent of time-aligning multiple offset seismic data volumes Incluic acid detection method employing oligonucleotide probes affixed to particles and related
20030170610 20030164239 20030165111 20030155111 20030148894 20030147496 20030141066 20030141066 20030141066 20030141066 20030141066 20030141066 20030137181 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030137189 20030116315 2003011223 2003011223 2003011223 20030106695 2003011223 20030106695	US 20030098605 A1 US 20030098149 A1 US 20030094281 A1 US 20030075101 A1 US 20030068614 A1 US 20030066359 A1 US 20030048450 A1 US 20030048450 A1 US 2003004806 A1 US 2003004806 A1 US 2003004806 A1 US 2003004806 A1

20030130 702/14 20030102 166/263 20021205 702/14 20021107 702/12 20021031 175/7 20021031 166/344 20021003 436/180	20020815 436/516 20020816 436/516 20020808 324/338 20020725 702/2 20020725 702/2 20020717 703/2 20020620 166/352 20020611 702/14 2002031 435/6 2002031 435/6 2002031 435/6 2002031 703/10 2002031 703/10 20020124 703/10 20020124 703/10 20040413 166/367 20040413 166/36 20040413 356/435 20040113 702/16 20040113 356/435 20031209 702/14 20031209 702/14 20031209 702/14 20031209 702/14 20031209 702/14 20031209 702/14	20030303 702/14 20030429 166/379 20030415 703/10 20030415 702/16
		CT drilling rig Determining optimal well locations from a 3D reservoir model Uncertainty constrained subsurface modeling
US 20030023383 A1 US 20030000697 A1 US 20020183932 A1 US 20020165671 A1 US 20020157866 A1 US 20020157833 A1	US 20020110926 A1 US 20020110926 A1 US 20020105333 A1 US 20020102578 A1 US 20020098518 A1 US 20020091502 A1 US 20020091502 A1 US 20020074125 A1 US 20020074737 A1 US 2002007373 A1 US 2002007373 A1 US 20020013687 A1 US 20020013687 A1 US 20020013687 A1 US 20010047869 A1 US 20010047869 A1 US 20010027745 A1 US 6674690 B1 US 667190 B1 US 6678617 B2 US 665112 B2 US 6651145 B1 US 6651145 B1 US 6651145 B2 US 6651145 B2	6549854 6549854 6549854

6497286	Method and apparatus for drilling a plurality of offshore underwater wells	20021224 166/368
US 64942/1 BZ US 6482199 R1	Unshore floating production method Method and annaratus for high practision variable rate material removal and modification	20021217 175/5
6446006	Method of producing impact point position probability maps for a well	20021113 000/10
6438493	Method for seismic facies interpretation using textural analysis and neural networks	20020820 702/2
US 6438069 B1	Method for time lapse reservoir monitoring	20020820 367/73
6431285	Apparatus for drilling an offshore underwater well	20020813 166/368
6431280	Method for placement of blocking gels or polymers at specific depths of penetration into oil anc	20020813 166/263
6409832	Protein crystallization in microfluidic structures	20020625 117/206
6383742	Three dimensional arrays for detection or quantification of nucleic acid species	20020507 435/6
6372183	Automated analysis equipment and assay method for detecting cell surface protein and/or cyto	20020416 422/63
6370491	Method of modeling of faulting and fracturing in the earth	20020409 703/2
6355419	Preparation of pools of nucleic acids based on representation in a sample	20020312 435/6
6315054	Assembly and method for locating lateral wellbores drilled from a main wellbore casing and for	20011113 166/387
6246963	Method for predicting stratgraphy	20010612 702/14
	Simulation method and apparatus	20010508 702/16
	Method for evaluating target protein quality from fermenter	20010410 530/412
US 6209644 B1	Assembly and method for forming a seal in a junction of a multilateral well bore	20010403 166/297
US 6057114 A	Automated assays and methods for detecting and modulating cell surface protein function	20000502 435/7.21
6041017	Method for producing images of reservoir boundaries	20000321 367/38
US 6023445 A	Determining contact levels of fluids in an oil reservoir using a reservoir contact monitoring tool	20000208 367/83
6007515	Controlled action, manually operable fluid application	19991228 604/82
6006832	Method and system for monitoring and controlling production and injection wells having permar	19991228 166/250.01
5934371	Pressure test method for permanent downhole wells and apparatus therefore	19990810 166/53
5887657	Pressure test method for permanent downhole wells and apparatus therefore	19990330 166/336
5848379	Method for characterizing subsurface petrophysical properties using linear shape attributes	19981208 702/6
5839520	Method of drilling well bores	19981124 175/61
5838634	Method of generating 3-D geologic models incorporating geologic and geophysical constraints	19981117 367/73
5829520	Method and apparatus for testing, completion and/or maintaining wellbores using a sensor devi	19981103 166/250.01
US 5762149 A	Method and apparatus for well bore construction	19980609 175/40
5757663	Hydrocarbon reservoir connectivity tool using cells and pay indicators	19980526 702/6
5740342	Method for generating a three-dimensional, locally-unstructured hybrid grid for sloping faults	19980414 345/420
5740036	Method and apparatus for analyzing geological data using wavelet analysis	19980414 702/17
5730219	Production wells having permanent downhole formation evaluation sensors	19980324 166/250.1
5729451	Apparatus and method for fusing diverse data	19980317 702/12
5710726	Semi-compositional simulation of hydrocarbon reservoirs	19980120 703/10
5706194	Non-unique seismic lithologic inversion for subterranean modeling	19980106 702/14
	Method and apparatus for identifying geological structures using wavelet analysis of potential fin	19970930 702/2
56/1136	Process for seismic imaging measurement and evaluation of three-dimensional subterranean c	19970923 702/18
5670113	Automated analysis equipment and assay method for detecting cell surface protein and/or cyto	19970923 422/63
	Method and apparatus for lithology-independent well log analysis of formation water saturation	19970916 250/269.5
	Production wells having permanent downhole formation evaluation sensors	19970902 166/250.01
US 5646342 A	Method of Locating Hydrocarbon reserves	19970708 73/152.02

US 5632689 A	Golf training apparatus and method	19970527 473/279 .
US 5586082 A	Method for identifying subsurface fluid migration and drainage pathways in and among oil and g	19961217 367/73
US 5522465 A	Method and apparatus for a safety system	19960604 166/363
US 5465629 A	Liquid dispensing system with acoustic sensing means	19951114 73/864.24
US 544619 A	System and method of predicting reservoir properties	19950822 702/13
US 5422667 A	Ink jet printing cartridge with circuit element protection system	19950606 347/87
US 5419405 A	System for controlled drilling of boreholes along planned profile	19950530 175/27
	Method of propagating a hydraulic fracture using fluid loss control particulates	19940705 166/280.1
US 5321612 A	Method for exploring for hydrocarbons utilizing three dimensional modeling of thermal anomalie	19940614 702/13
US 5305209 A	Method for characterizing subterranean reservoirs	19940419 702/13
US 5271822 A	Methods and apparatus for electroplating electrical contacts	19931221 205/122
US 5257241 A	Method and system for acquisition of 3-dimensional marine seismic data	19931026 367/15
US 5223110 A	Apparatus for electroplating electrical contacts	19930629 204/224R
US 5195848 A	Method and system for developing offshore hydrocarbon reserves	19930323 405/202
US 5150987 A	Method for installing riser/tendon for heave-restrained platform	19920929 405/224
US 5147148 A	Heave-restrained platform and drilling system	19920915 405/199
US 5146933 A	Implantable prosthetic device and tethered inflation valve for volume	19920915 128/899
US 5146086 A	Method and apparatus for imaging porous media and method for fabricating novel optical mate	19920908 250/253
US 5138868 A	Calibration method for automated assay instrument	19920818 73/1.79
US 5135327 A	Sluice method to take TLP to heave-restrained mode	19920804 405/224
US 5128866 A	Pore pressure prediction method	19920707 702/11
US 5112492 A	Automated bubble trap	19920512 210/656
US 4972907 A	Method of conducting well operations from a moveable floating platform	19901127 166/353
US 4961562 A	Apparatus for engaging beams	19901009 254/106
US 4814711 A	Survey system and method for real time collection and processing of geophysicals data using s	19890321 324/331
US 4755082 A	Removable bottom founded structure	19880705 405/217
US RE32623 E	Curved offshore well conductors	19880315 175/9
US 4695201 A	Removable bottom founded structure	19870922 405/224.1
US 4687058 A	Solvent enhanced fracture-assisted steamflood process	19870818 166/272.2
US 4686474 A	Survey system for collection and real time processing of geophysical data	19870811 324/331
US 4633400 A	Method for waveform feature extraction from seismic signals	19861230 702/17
US 4619772 A	Method and material for increasing viscosity and controlling of oil well drilling and work-over fluin	19861028 507/104
4619303	Vehicle air system including central tire inflation system	19861028 152/416
US 4556024 A	Engine lubrication system	19851203 123/196AB
US 4532952 A	Controller for well installations	19850806 137/240
US 4467019 A	Fuel cell with electrolyte feed system	19840821 429/34
US 4378139 A	Integrated circuit carrier connector	19830329 439/331
US 4352376 A	Controller for well installations	19821005 137/624.15
US 4317520 A	Servo system to control the spatial position of droplet formation of a fluid jet in a cell sorting apl	19820302 209/3.1
US 4293936 A	Telemetry system	19811006 367/82
US 4256015 A	Fluidic stabilization control	
US 4202427 A	Derrick escape system	19800513 182/2.1
US 4160538 A	Leg structure for jack-up platform with single point jacking	19790710 254/89R

US 4046977 A	Fluid reservoir	19770906 200/84C
US 4040265 A	Mobile offshore platform	19770809 405/196
US RE28860 E	Curved offshore well conductors	19760615 175/9
US 3845492 A	METHODS AND APPARATUS FOR RECORDING WELL LOGGING MEASUREMENTS	19741029 346/33WL
US 3698198 A	DEEP-WATER DRILLING, PRODUCTION AND STORAGE SYSTEM	19721017 405/204
US 3687204 A	CURVED OFFSHORE WELL CONDUCTORS	19720829 175/9
US 3657895 A	OFFSHORE PLATFORM	19720425 405/210
US 3598190 A	SALT DOME DRILLING METHOD	19710810 175/61
US 5835882 A	Determination of barriers to a reservoir flow - where model logs of petrophysical properties are	20021224
US 5757663 A	Hydrocarbon reservoir connectivity program for estimating portions of subsurface reservoirs - L	19980526
US 5439321 A	Interruptible mobile prodn. platform system for offshore wellheads - comprises a floating, moor	19950808
EP 524307 B	Calibration method for automated assay instrument - with two targets located on tray having m	19920818